

# SEQUENCE LISTING

<110> Mochly-Rosen, Daria

<120> pseudo-epsilon RACK Peptide Composition  
and Method for Protection Against Tissue Damage Due to  
Ischemia

<130> 58600-8209.US00

<140> Not Yet Assigned

<141> Filed Herewith

<150> US 60/247,830

<151> 2000-11-10

<160> 18

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> epsilon V1-2, residues 14-21 of epsilon-PKC

<400> 1

Glu Ala Val Ser Leu Lys Pro Thr  
1 5

<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> pseudo-epsilon RACK octapeptide

<400> 2

His Asp Ala Pro Ile Gly Tyr Asp  
1 5

<210> 3

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Drosophila antennapedia homeodomain-derived  
carrier peptide

<400> 3

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys  
1 5 10 15

<210> 4

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> scrambled pseudo-epsilon RACK octapeptide

<400> 4  
 Pro Asp Tyr His Asp Ala Gly Ile  
 1 5

<210> 5  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Tat-derived carrier peptide

<400> 5  
 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg  
 1 5 10

<210> 6  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified pseudo-epsilon RACK peptide

<400> 6  
 His Glu Ala Asp Ile Gly Tyr Asp  
 1 5

<210> 7  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified pseudo-epsilon RACK peptide

<400> 7  
 His Asp Ala Pro Ile Gly Tyr Glu  
 1 5

<210> 8  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified pseudo-epsilon RACK peptide

<400> 8  
 His Asp Ala Pro Val Gly Tyr Glu  
 1 5

<210> 9  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> modified pseudo-epsilon RACK peptide

<400> 9  
 His Asp Ala Pro Leu Gly Tyr Glu  
 1 5

<210> 10  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified pseudo-epsilon RACK peptide  
  
 <400> 10  
 His Asp Ala Pro Ile Gly Asp Tyr  
   1                  5  
  
 <210> 11  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified pseudo-epsilon RACK peptide  
  
 <400> 11  
 His Asp Ala Pro Ile Gly Glu Tyr  
   1                  5  
  
 <210> 12  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified pseudo-epsilon RACK peptide  
  
 <400> 12  
 Ala Asp Ala Pro Ile Gly Tyr Asp  
   1                  5  
  
 <210> 13  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified pseudo-epsilon RACK peptide  
  
 <400> 13  
 His Asp Gly Pro Ile Gly Tyr Asp  
   1                  5  
  
 <210> 14  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> modified pseudo-epsilon RACK peptide  
  
 <400> 14  
 His Asp Ala Ala Ile Gly Tyr Asp  
   1                  5  
  
 <210> 15  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
<223> modified pseudo-epsilon RACK peptide

<400> 15  
Ala Glu Ala Pro Val Gly Glu Tyr  
1 5

<210> 16  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> modified pseudo-epsilon RACK peptide

<400> 16  
His Glu Ala Pro Ile Gly Asp Asn  
1 5

<210> 17  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> modified pseudo-epsilon RACK peptide

<400> 17  
His Asp Gly Asp Ile Gly Tyr Asp  
1 5

<210> 18  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> pseudo-epsilon RACK peptide fragment

<400> 18  
Asp Ala Pro Ile Gly  
1 5